

MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors LER

are named below) of the subject r CHAIN	natter which is claimed and for	which a patent is sough	nt on the inve	ntion entitled: LOW NOIS	E ROLLE
The specification of which a. \(\sum \) is attached hereto b. \(\sum \) was filed on as applicated described and claimed in international United States patent.	ion serial no. and was amer onal no. filed and as am	, II	le) (in the cas which I have	e of a PCT-filed application reviewed and for which I s	ı) olicit a
I hereby state that I have reviewed any amendment referred to above	and understand the contents of	f the above-identified sp	pecification, i	ncluding the claims, as amo	ended by
I hereby claim foreign priority berecertificate listed below and have a that of the application on the basis a. In no such applications have be such applications have beer	iso identified below any foreign of which priority is claimed: een filed.	ates Code, § 119/365 of a application for patent	any foreign a or inventor's	application(s) for patent or increase or increase the certificate having a filing d	nventor's ate before
FOR	EIGN APPLICATION(S), IF ANY,	CLAIMING PRIORITY U	NDER 35 USC	§ 119	
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)		DATE OF ISSUE (day, month, year)	
Japan	2000-198404	June 30, 2000			
ALL FORE	CIGN APPLICATION(S), IF ANY, F	ILED BEFORE THE PRIC	ORITY APPLIC	CATION(S)	
GUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)		DATE OF ISSUE (day, month, year)	
hereby claim the benefit under To below and, insofar as the subject manner provided by the first parag defined in Title 37, Code of Federal or PCT international filing date of	natter of each of the claims of the raph of Title 35, United States (il Regulations, § 1.56(a) which	us application is not dis Code, § 112. Lacknowle	closed in the	prior United States applicate disclose material inform	tion in the
U.S. APPLICATION NUMBER	DATE OF FILING	(day, month, year)	STATUS	(patented, pending, abandoned)
hereby claim the benefit under Ti	tle 35, United States Code § 119	9(e) of any United State	es provisional	application(s) listed below	 :
U.S. PROVISIONAL AI	PPLICATION NUMBER	DA	TE OF FILING	G (Day, Month, Year)	

DATE OF FILING (Day, Month, Year)

I acknowledge the duty to disclose infollow on that is material to the patentability of this cation in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:

- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the following attorney. Ad/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

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Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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